PRESS RELEASE

FPT INDUSTRIAL CURSOR 9 NG POWERS NEW VAN HOOL EXQUI.CITY

Turin, January 21st, 2020

A **high-performance natural gas (NG) engine** designed and manufactured by **FPT Industrial** is providing the power behind a new **hybrid tram bus** that has just entered service in France, by Van Hool, a Belgian manufacturer of vehicles for public transport. The latest **Van Hool Exqui.City** features the **new-generation FPT Industrial Cursor 9 NG engine,** delivering maximum power of 221 kW at 2,000 rpm, and torque of 1,300 Nm at 1,000 rpm. The Brand's six-cylinder engine delivers **reliability and an extended product lifecycle** to the hybrid tram bus, which commenced service in the municipality of Nimes, France, on January 6.

At the heart of the Exqui.City is its **multi-propulsion platform**, which is designed to accommodate the latest and greenest alternative propulsion technologies. With this flexible platform, Van Hool confirms its experience in integrating new, **more efficient and reliable technologies**. City characteristics and topography are important factors that influence vehicle motorization. For Nimes, the hybrid NG/electric combination has been deemed the optimum solution.

FPT Industrial Cursor 9 NG engines for Van Hool feature **'Start & Stop'**, a technology that turns off the thermal engine when the vehicle approaches the bus stop. This reduces noise and gas exhaustion, bringing more comfort to the passengers. Once the passengers have boarded, the engine restarts, charging the electric batteries for traction.

FPT Industrial has already sold 10 Cursor 9 NG engines to Van Hool, with a further six planned to complete the tender. In January, the 10 tram buses, each of which measuring 24 meters in length, began operating a 20-minute service along the T2 line between Nîmes railway station and Carémeau CHU (the city's hospital). Ultimately, it is estimated that around 25,000 people will use the shuttle every day.

Natural Gas is currently the most viable and **low-cost sustainable solution** for vehicles of this type; FPT Industrial leads the segment with some **50,000 engines sold worldwide**. The Brand's **NG engines significantly reduce CO_2 emissions**, in both compressed and liquefied form. The engines can also run on **biomethane**, bringing emissions down to almost zero.

The **Cursor 9 NG** uses stoichiometric combustion and multipoint sequential injection, ensuring best-in-class fuel consumption. To comply with **Euro VI** emissions standards, the engine relies on a simple three-way catalyst, without EGR (exhaust gas recirculation).

Cursor 9 NG specifications for the Van Hool Exqui.City

Architecture:	6 cylinder in-line
Air handling:	Turbocharged aftercooler
Bore x stroke (mm):	117 x 135
Displacement (l):	8.7
Valves per cylinder:	4
Injection system:	Multipoint
Turbocharging:	Wastegate
Max power:	221 kW @ 2,000 rpm
Max torque:	1,300 Nm @ 1,000 rpm
Exhaust system:	3-way catalyst

FPT Industrial *is a brand of CNH Industrial, dedicated to the design, production and sale of powertrains for on and off-road vehicles, marine and power generation applications. The company employs more than 8,000 people worldwide, in ten manufacturing plants and seven R&D Centres. The FPT Industrial sales network consists of 73 dealers and over 800 service centres in almost 100 countries. A wide product offering, including six engine ranges from 42 hp up to 1,006 hp, transmissions with maximum torque of 200 Nm up to 500 Nm, front and rear axles from 2 to 32 ton GAW (Gross Axle Weight). FPT Industrial offers the most complete Natural Gas engines line-up on the market for industrial applications, including engine ranges from 136 hp up to 460 hp. This extensive offer and a close focus on R&D activities make FPT Industrial a world leader in industrial powertrains. For further information, visit www.fptindustrial.com.*

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